

October 27, 2005 Project No. 61801 OCT S Y 2005

ENVIRONMENTAL PROTEUTION

Mr. Scott Smale Bureau of Corrective Actions 901 South Stewart Street, Suite 4001 Carson City, NV 89701

SUBJECT:

Cornerstone Redevelopment Brownfields

Phase II Site Investigation

September 2005 Quarterly Sampling

Henderson, Nevada

Dear Mr. Smale:

Kleinfelder, Inc. (Kleinfelder) is pleased to present the quarterly sampling report for September 2005 for the above-referenced site. The field sampling activities and laboratory analyses were performed per the original project Sampling and Analysis Plan (SAP) dated May 27, 2004 and the draft Sampling and Analysis Plan Amendment dated October 12, 2005. Field work was conducted in accordance with the site-specific Health and Safety Plan (HASP) revised and included as part of the amended SAP on October 12, 2005.

SITE BACKGROUND

Site Location and Background

The subject property is located on the northwest corner of the intersection of Stephanie Street and Wigwam Parkway in Henderson, Nevada, as shown on Figure 1 (Site Location Map) and consists of the following five parcels:

APN	Acres
178-16-601-003	25.69
178-16-601-004	18.60
178-16-710-002	24.29
178-16-501-001	29.19
178-16-510-002	2.83

Total acres

100.60

Based on historical information, surface water and groundwater at the site is impacted The perchlorate contamination was discovered during soil, by perchlorate. groundwater, and surface water sampling done by Brown and Caldwell in October 2000. Their report (dated 2001) indicated that the concentration of perchlorate was as high as 190 $\mu g/kg$ in the soil, 510 $\mu g/L$ in the groundwater, and 71 $\mu g/L$ in the surface water. In 2004, the Nevada Division of Environmental Protection (NDEP) contracted Ninyo & Moore to perform a Phase II Environmental Site Assessment. The results of their report indicated the concentration of perchlorate was as high as 750 $\mu g/kg$ in the soil, and had dropped to 85 $\mu g/L$ in the groundwater and 39 $\mu g/L$ in the surface water. Ninyo & Moore noted the reduction of perchlorate concentrations in the groundwater and surface water were likely due to the removal of the perchlorate source and concentrations should continue to decrease over time as the water gradually migrates off the subject property. However, they recommended groundwater and surface water on the property be monitored on a semi-annual or annual basis to ensure the perchlorate levels continue to decrease.

Kleinfelder submitted a scope-of-work and cost estimate to perform the quarterly sampling dated September 21, 2005 (Proposal No. 31-YP5374R). The scope-of-work was prepared in accordance with the Sampling and Analysis Plan (SAP) dated May 27, 2004 prepared by Ninyo & Moore and the SAP amendment dated October 12, 2005 prepared by Kleinfelder. Work was authorized by the NDEP in a letter dated September 27, 2005 (NDEP Contract No. 06-015).

Regional Geology

The Las Vegas Valley is a topographic basin located in southern Nevada in the Basin and Range Physiographic Province in a transitional area between the "younger" Great Basin of Nevada and Utah and the "older" Basin and Range topography of Arizona and California. The Las Vegas Valley is bounded on the west by the Spring Mountains, on the north by the Desert Sheep and Las Vegas Ranges, on the east by the Frenchman and Sunrise Mountains, and on the south by the River Mountains and McCullogh Range. The mountains to the north, east, and west consist primarily of Paleozoic and Mesozoic sedimentary rocks. The mountains to the south consist of predominately of Tertiary volcanic rocks overlying Precambrian metamorphic and granitic rocks.

Reference: Longwell, et al, 1965.

Hydrogeology

The central portion of the subject property consists of a lake, pond, and slough (see Figure 2). There is a concrete culvert that enters the southern margin of the lake under Wigwam Parkway and a drainage culvert that enters the northeastern margin of the pond in the northern portion of the site.

Most of the groundwater in the Las Vegas Valley is derived from the alluvial soils in the Basin Fill and Muddy Creek Formation. Natural groundwater flow in the Las Vegas Valley is generally toward the Las Vegas Wash to the northeast; however, groundwater pumping and areas of caliche beds can locally alter flow directions.

61801/LVE5R318 Copyright 2005 Kleinfelder, Inc. October 27, 2005

Historical mining operations on the subject property have lowered the topography considerably. The presence of the lake and pond on the subject property indicates the water table locally intersects the land surface at the site.

SCOPE OF WORK

Groundwater Sampling

On September 29, 2005, six monitoring wells (MW-1, MW-2, MW-3, MW-4, MW-5, and MW-6) at the site (see Figure 3) were measured for depth to groundwater, purged of no less than three well volumes, measured for consistent pH, temperature, and electrical conductivity with a Horiba water quality meter, and sampled. Once the water quality parameters indicated consistent readings and after three well volumes were purged, groundwater samples were collected.

Clean, disposable polyethylene bailers were used to collect groundwater samples from each monitoring well. Each sample was placed into laboratory-provided containers and then labeled with the monitoring well number, matrix type, and sample number, consistent with the labeling format described in the SAP and used previously by Ninyo & Moore (see Table 1). The samples were then immediately placed into secure, ice-filled chests. The samples were recorded on an EPA-approved chain-of-custody form and transported to the Del Mar Analytical office in Las Vegas, and subsequently to the Del Mar Analytical laboratory in Phoenix, Arizona for testing of perchlorate, chloride, nitrate-N, sulfate, and TDS, and to the Sierra Environmental laboratory in Reno for testing of chlorate.

Purged water from the monitoring wells and decontamination rinsate water was placed on-site into a 55-gallon polyethylene drum. H2O Environmental Services of Las Vegas picked up the stored water at the site for disposal.

Surface Water Sampling

On September 29, 2005, seven surface water samples were collected from three sample locations in the lake (W-1, W-2, and W-3) and one sample location in the pond (W-4). Surface water samples were collected from two feet below the surface at all four locations by submerging a sample container to the proper depth and opening the container. Surface water samples were collected from 10 feet below the surface from the three locations in the lake by using a Kemmerer-type bomb sampler. The bomb sampler was decontaminated after each sample collection to prevent cross-contamination.

Each sample was labeled with the surface water sampling location, matrix type, sample depth, and sample number, consistent with the labeling format described in the SAP and previously used by Ninyo & Moore (see Table 1). The samples were then immediately placed into a secure, ice-filled chest. The samples were recorded on an EPA-approved chain-of-custody form and transported to the Del Mar Analytical office in Las Vegas, and subsequently to the Del Mar Analytical laboratory in Phoenix, Arizona

for testing of perchlorate, chloride, nitrate-N, sulfate, and TDS, and to the Sierra Environmental laboratory in Reno for testing of chlorate. Decontamination rinsate water was placed in the same 55-gallon polyethylene drum mentioned above.

Field Quality Control Sampling

Duplicate water samples were collected from monitoring well MW-3 and surface water sample W-1 at the two foot sample location. The duplicate water samples were labeled MW7-GW-7 and W6-SW-2-9 respectively in order to ensure the blind nature of the samples at the lab. Duplicate water samples were collected using the same fore mentioned methods of water sampling.

One equipment blank sample was collected from the surface water collection equipment. The equipment blank was obtained by passing deionized, filtered water over the bomb sampler used, and collecting, packaging, and labeling the sample using the same fore mentioned methods of surface water sampling. The equipment blank water sample was labeled W5-SW-2-8 in order to ensure the blind nature of the sample at the lab.

DISCUSSION

Groundwater

A summary of perchlorate concentrations from groundwater samples is presented in Table 2. Perchlorate concentrations in each of the six monitoring wells exceeded the Nevada Public Notice Standard of 18 μ g/l. The perchlorate concentrations do not appear to display a trend of increasing concentration throughout the site. The concentrations range from 28 μ g/l at monitoring well MW-5 to 64 μ g/l at monitoring well MW-6. The highest concentration of perchlorate in groundwater during this survey is approximately 75 percent of the highest perchlorate concentration reported by Ninyo & Moore in January 2005, and 13 percent of the highest perchlorate concentration reported by Brown and Caldwell in 2000. This indicates that the overall perchlorate concentrations are decreasing over time.

A summary of water quality analyte concentrations is presented in Table 3. Chlorate concentrations in groundwater are less than the laboratory reporting limit of 0.5 mg/l in all samples. Concentrations of chloride, sulfate, and TDS exceeded drinking water standards of 250 mg/l, 250 mg/l, and 500 mg/l respectively in all groundwater samples, and nitrate concentrations exceeded the maximum contaminant level (MCL) of 10 mg/l in monitoring wells MW-1, MW-4, and MW-6. These results were similar in comparison to the January 2005 results.

Surface Water

A summary of perchlorate concentrations from surface water samples is presented in Table 2. Perchlorate concentrations in each surface water sample exceeded the Nevada Public Notice Standard of 18 μ g/l. Perchlorate concentrations were consistent and lower than the concentrations reported in the monitoring wells. The concentrations range from 19 μ g/l at surface water location W-4 (the pond), to 24 μ g/l at surface water location W-1 at 10 feet below the surface. The highest concentration of perchlorate in the surface water during this survey is approximately 62 percent of the highest perchlorate concentration reported by Ninyo & Moore in March 2005, and 34 percent of the highest perchlorate concentration reported by Brown and Caldwell in 2000.

A summary of water quailty analyte concentrations is presented in Table 3. Chlorite concentrations in the surface water on the subject property are less than the laboratory reporting limit of 0.5 mg/l in all samples, and nitrate concentrations did not exceed the maximum contaminant level (MCL) of 10 mg/l. Concentrations of chloride, sulfate, and TDS exceeded the drinking water standards of 250 mg/l, 250 mg/l, and 500 mg/l respectively in all surface water samples.

RECOMMENDATIONS

Perchlorate concentrations in the groundwater and surface water at the subject property exceeded the Nevada Public Notice Standard of 18 μ g/l. However, these concentrations represent reductions in perchlorate concentrations of up to 24 percent for groundwater and 38 percent for surface water from the concentrations reported by Ninyo & Moore in early 2005, and up to 87 percent for groundwater and 66 percent for surface water from the concentrations reported by Brown and Caldwell in October 2000. Perchlorate concentrations in the groundwater should continue to diminish over time as the groundwater is gradually transported off the site. Kleinfelder recommends continued quarterly monitoring to assess the progress of diminishing perchlorate concentrations.

LIMITATIONS

This groundwater monitoring report is based on the field observations made by Kleinfelder personnel and laboratory analytical data obtained from Del Mar Analytical. The services performed by Kleinfelder were conducted in a manner consistent with the level of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in Nevada. No warranty, express or implied, is made.

This report may be used only by the client and only for the purposes stated, within a reasonable time from its issuance. Land use, site conditions (both onsite and offsite) or other factors may change over time, and additional work may be required with the passage of time. Any party other than the client who wishes to use this report shall notify Kleinfelder of such intended use. Based on the intended use of the report, Kleinfelder may require that additional work be performed and that an updated report be issued. Non-compliance with any of these requirements by the client or anyone else will release Kleinfelder from any liability resulting from the use of this report by any unauthorized party.

October 27, 2005

CLOSING

If you have any questions or comments, or should you require more information, please call Gary Carter at (702) 736-2936. We appreciate the opportunity to work with you on this project.

Respectfully submitted,

KLEINFELDER, INC.

Lisa Warren

Staff Professional

Gary A. Carter, P.E., C.E.M.

Project Manager

Nevada Environmental Manager #1909

Expires January 26, 2007

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all applicable federal, state and local statutes, regulations and ordinances.

LMW/map

Enclosures: Figure 1: Site Location Map

Figure 2: Site Plan

Figure 3: Sampling Locations
Table 1: Sample Identification

Table 2: Summary of Analytical Results: PCE

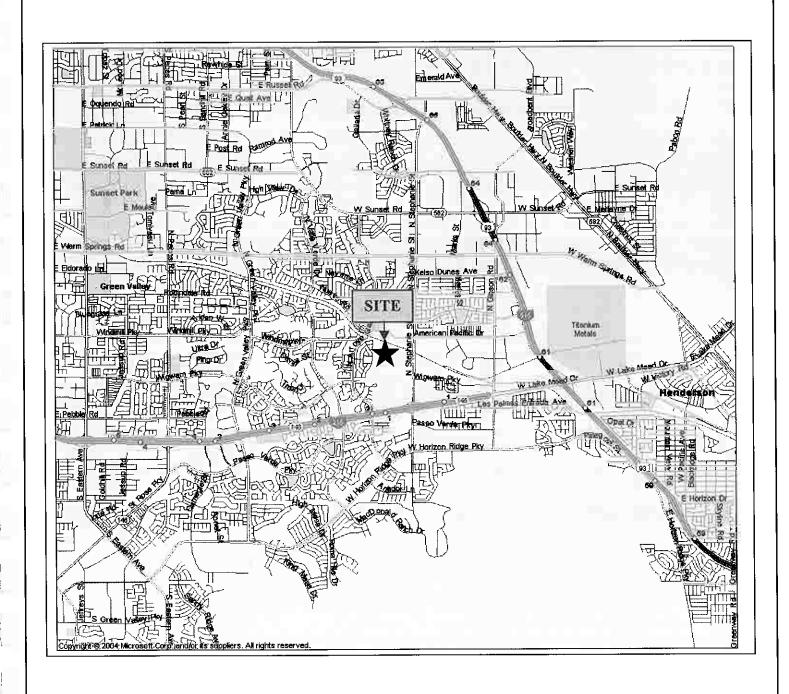
Table 3: Summary of Analytical Results: Water Quality Parameters

Appendix A: Laboratory Analytical Reports

Appendix B: Groundwater Sampling Field Notes

CC: Mr. Todd Croft, Bureau of Corrective Actions, 1771 E. Flamingo Rd, Ste 121-A, Las Vegas, NV 89119-0837

Ms. Brenda Pohlmann, City of Henderson, 240 Water Street Henderson, NV 89009-5050



©2005 by Kleinfelder, Inc.

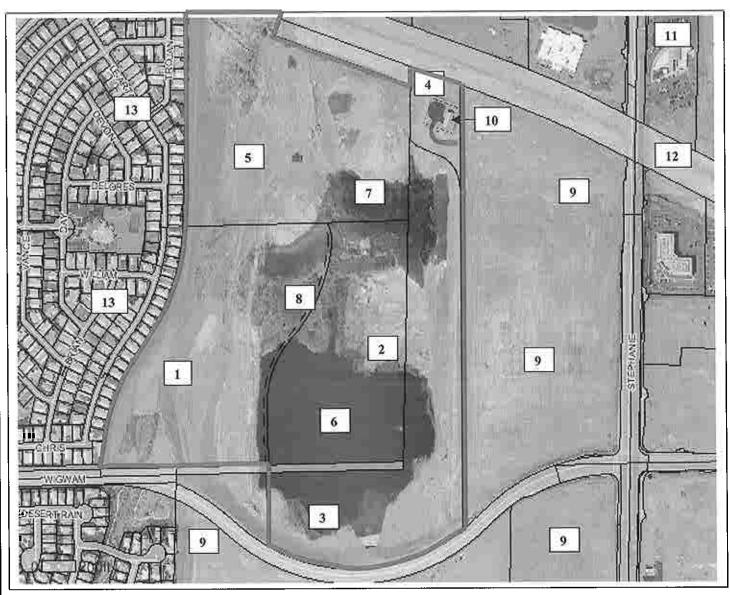


PROJECT NO.: 61801

SITE LOCATION MAP

CORNERSTONE REDEVELOPMENT AREA HENDERSON, NEVADA **Figure**

1



Reference: 2005 Clark County Tax Assessor Website

LEGEND

- Parcel 178-16-601-003
- Parcel 178-16-601-004 3 Parcel 178-16-710-002
- Parcel 178-16-510-002
- 5 Parcel 178-16-501-001
- Site Lake
- **Site Pond** 7

- Slough
- Vacant Land
- 10 City of Henderson Pumping Station

SITE PLAN

- **Dept. of Motor Vehicles** 11
- UPRR Right-of-Way 12
- 13 **Residential Properties**
- 14 **Boundaries of Subject Site**



©2005 by Kleinfelder, Inc.

PROJECT NO.: 61801



CORNERSTONE REDEVELOPMENT **AREA** HENDERSON, NEVADA

Figure



LEGEND

- Groundwater Monitoring Wells
- Surface Water Sample Points
- Boundaries of Subject Site



©2005 by Kleinfelder, Inc.



PROJECT NO.: 61801

SAMPLE LOCATION MAP

CORNERSTONE REDEVELOPMENT AREA HENDERSON, NEVADA **Figure**

3

Table 1
Sample Identification

	Sample Identification	NC - HOLD OF THE OWNER OWNER OF THE OWNER OWNE
Sample Location	Sample Ider	
Cample Location	Field	Laboratory
MW-1	MW1-GW-1	POI0822-01
MW-2	MW2-GW-2	POI0822-02
MW-3	MW3-GW-3	POI0822-03
MW-3	MW7-GW-7 *	POI0822-07
MW-4	MW4-GW-4	POI0822-04
MW-5	MW5-GW-5	POI0822-05
MW-6	MW6-GW-6	POI0822-06
W-1, 2 ft.	W1-SW-2-1	POI0822-08
W-1, 2 ft.	W6-SW-2-9 *	POI0822-15
W-1, 10 ft.	W1-SW-10-2	POI0822-09
W-2, 2 ft.	W2-SW-2-3	POI0822-10
W-2, 10 ft.	W2-SW-10-4	POI0822-11
W-3, 2 ft.	W3-SW-2-5	POI0822-12
W-3, 10 ft.	W3-SW-10-6	POI0822-13
W-4, 2 ft.	W4-SW-2-7	POI0822-14
-	W5-SW-2-8 **	POI0822-16

- NOTES
 * Field Duplicate
 ** Equipment Blank
 Not Applicable

Table 2 Summary of Analytical Results for PCE

e				reromorate (µg/L)			
	AMA! 4	NAMACO	MW-3	MW-3	MW-4	MW-5	MW-6
	MAN	MAY-Z			The second second second	Trans.	ALC CLAMA
	MANAT-GW-1	MW2-GW-2	MW3-GW-3	MW7-GW-7	MW4-GW-4	WW5-6WW-5	INIVAD-GW
	MINN COLUMN			-	ti ti	23	7.4
lon Of	60	255	20	27	22	00	
2	3				L	000	200
3pp-05	55	30	26	54	43	70	

Sample						The second second	The second second		
e	W.4	W-1	W-1	W-2	W-2	W-3	W-3	8	Equip. Blank
			7	ша	. 0,	TAID CIAL DE	IND CIVI 30 B	WA-SW-2-7	W5-SW-2-8
	1-5-W-1-W	W6-SW-2-9	W1-SW-10-2	WZ-5W-7-3	WZ-SW-10-4	0-7-M9-9M	VV3-5VV-10-0	17.00	
		36	25	1	37	38	37	38	< 2.0
SOL-LON	20	23	7	O i				3	2
50.00	20	33	24	22	23	23	2	25	2

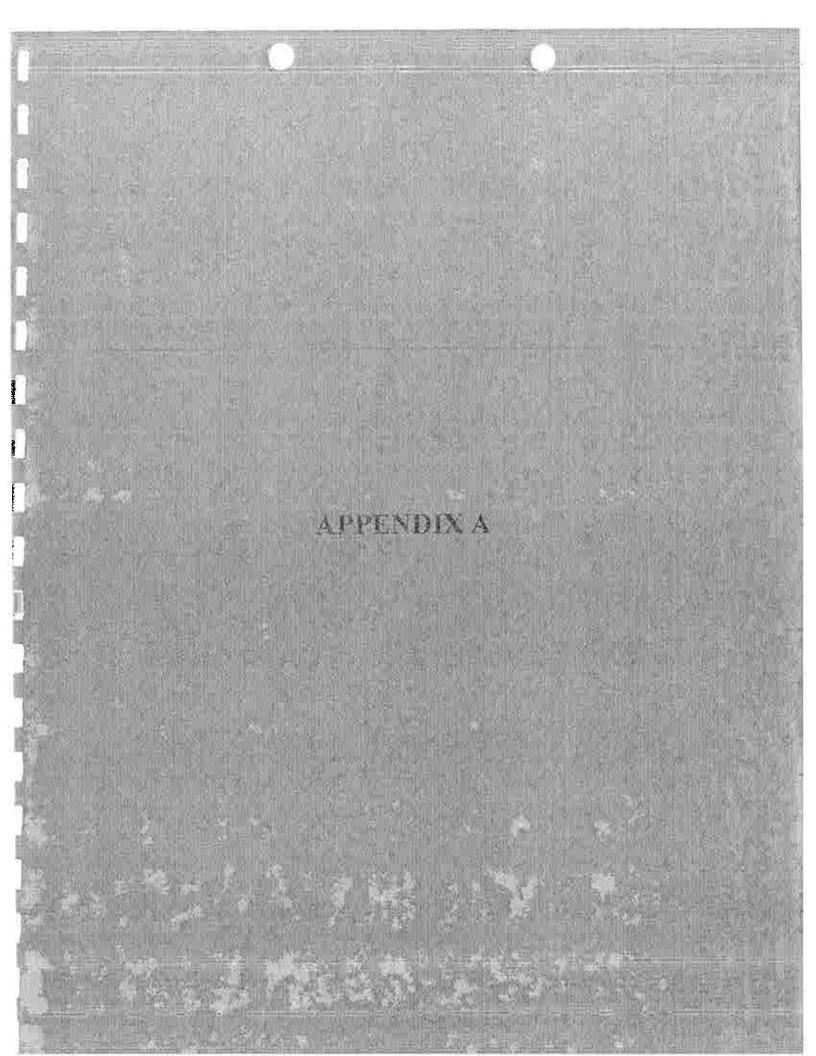
NOTES: μg/L = micrograms per liter ND = Not Detected above the laboratory reporting limits

Summary of Analytical Results for Water Quality Parameters Table 3

	FWW		KMW/3	MW-3	ZW.K	MVV-5	9-N-W
THE PROPERTY OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON N	MAN					The state of	SIVIO SIVIN
Analyte mg/L	RAVATA COM 4	ì	MW3-GW-3	MW7-GW-7	MW4-GW-4	MW5-GW-5	MINNO-GAN-G
	INVA I-CAN-I				2 6	40,	40
Chloroto	50.5	С О У	< 0.5	< 0.5	<0.0	0.0	21
Ciliolate	01			200	040	250	426
Chlorida	460	290	280	330	nic	000	21
כווסוומני						u c	
Nitroto NI	47	17	5.2	5.7	71	2.0	
MILARETIN	0			000	000	2100	0000 -
Colfoto	1/100	1700	260	0.00	920	2 100	2002
Sullate	201-			000	0070	2000	4200
TDS	3200	3400	1700	1/00	2400	0000	200

	7.70	+ IV	L W	(W		W-3	e? X	4	Equip Blank
ACS VID					1			TO CANADA	0 6 150 0 0 0
1/200	1.C.M.2.1M	W/R.SW-2-9	W1-SW-10-2	W2-SW-2-3	WZ-SW-10-4	W3-SW-2-5	W3-SW-10-6	W4-2W-Z-1	O-X-AAC-CM
1,61	7.4.0	2			1	1		4	ייי
Oblorato	40	<0.5	< U S	< 0.5		င္ () ()	0.0	וכו	2.0
CHOME	0	2			1	0.00	2000	2000	ב
Objected	OSC	260	260	260		2/0	700	000	2
כוווסוומט	707				١		C	000	2
Mileson MI	6	C. T.		800		5.6	5.0	0.0	2
NI GIG	2	2:5			l	000,	0007	4700	980
Culfoto	1800	1800	1800	1800		1800	1800	3	30.0
Cullate	0001				L	0000	0000	2200	
TUC	3200	3200	3200	3200		3200	3200	2200	
3	2010				l				

NOTES: mg/L = milligrams per liter ND = Not Detected above the laboratory reporting limits



		·		9/29	12005	By: <i>E</i>	K/LW	
Project Name:	CORNERST	ONE		ther/Site Cond		·		
Project No.:	61801	· ·	 .	Location:	1	HENDERSO	N.NV	
Monitoring Wel	II ID: <u>M</u> V	<u> </u>		Location.				
					(a-sa) [52]	SCH 40-PVC	Other:	S. Steel
Casing Diameter Total Depth (ft-		☐ 6" ☐ Oth	er LNAPL Observ	Casing M	Acs ⊠.No Res ⊠.No	DNAPL Obser	ved 🗌 Ye	s 🛭 No
Total Depth (ft-		5.25	NAPL Thickn	ess <u>-</u>		DNAPL Thick	IVES2	
	· `.´ -		2"/81/"= 0.78 g/ft =					
			("/9" = 1.33 G/FT: 4"/8%" = 1.19 G/F			•	•	Approx. Min.
A - B = C Water Column Hei	ight (feet) (C) \		4"/10%" = 1.51 G/	FT = (D)		x 1.5 = (E)	11 Chambalanda	Purge Vol.
	TOC and ground suri			(11	corchole volume)		(1.5 borehole volum	e) (gallons)
Water Level Me	asurement Equip.:	Heron H	I. 01L 150'	Water Line		ron Dipper T nd Bailer	Cleaned 1	U/A
Purging Method	/Equipment:	☐ xp-100	Pump [] Quickie Bail				
Camalina Emi	ipment: Bailer	PVC [] SS	R I'T Low Flor	w [] Pumps	☐ Dedicated	i/Non-dedicate	d Peristalt	ic Pump
		DISPOSABLE			USEPA	CONTAINERS/V	OLUME/TYPE	PRESERVATIVES
Outputs 1.2va	1	AILER		PARAMETER	METHOD	(VOA/Glas	ss/Plastic	
Deiler Dens M.								
Bailer Rope-Ne Sampled By:	sw of cleatien:	NEW						
Sample Time:	-	6C/LW 11:05 a						<u> </u>
Sample ID:		MWI-GW			·			
Europio 251		MAA 1 - CT 40		TURBIDITY	TEMP.	DO	SALINITY	Comments
Time (24 hr)	PURGE VOL. (gallons)	рH	COND. (www.)S/m	(NTU)	(uStom)	c		(color, oduc, dans, etc.)
10:52	2.6	6.48	0.430	.850	27			
10:5b	5.1	6.63	0.412	-5.0	26.3			
11:02	8.5	6.67	0.40	-5.0	27.4			
				//				
	-							
	-							
Darth to West	er After Purging (-			
	er Alter Purging () ME (24 HR)		PTH TO WATER	(ft)	ESIDUAL DR	AWDOWN (ft)	PERCE	NT RECOVERY
			5.25	H ₁			I ₁	
10.		G ₂	5.79	H ₂	•		I ₂	
1 0.		G ₁	5.11	Н,			I ₃	
		G ₄	5.92	84			I,	
T. 11:0	לל .							
Total Vol. Pur	ged (gal):	 	8.5		Drawdown: (J)			····
ł				Time	Finished Purgin	ţ; 		
L	·							

roject Name: roject No.: Monitoring Wel	CORNERSTO LIBOI IID: MV		·	: <u>9/29</u> ther/Site Condi Location:	—————	ENDERSO		
lasing Diameter Fotal Depth (ft- Fotal Depth (ft-	TOC): (A)	18.9D	NAPL Observ NAPL Thickr 17/8½"= 0.78 g/ft = 1.33 G/FT	ess = (D)	Ves XI No I	CH 40-PVC ONAPL Observ ONAPL Thickn	ed 🗌 Yes	S. Steel No No Approx. Min.
A-B=C	, 		\"/8¼" = 1.19 G/F 4"/10¼" = 1.51 G/			$\times 1.5 = (E)$		Purge Vol.
Water Column Hei Distance between 1	ght (feet) (C) { FOC and ground surf	J	, /10/A - 1.3.1 C.	(1 b	orehole volume)		S borehole volume) (gallons)
	asurement Equip.:			Water Line Quickie Baile	ar A Hand	l Bailer		<u> </u>
Sampling Equi	pment: Bailer	PVC SS	Low Flo	w 🔲 Pumps		Non-dedicated		c Pump
Sampling Meth	od/Equipment	DEPOSABLE PAHER		PARAMETER	USEPA (METHOD	CONTAINERS/VO EssEVAOV)	LUME/TYPE /Plastic	PRESERVATIVES
Bailer Rope-No	ew or cleaned?:	NEW		·				
Sampled By:		6C/LW		<u>:</u>				
Sample Time:		12:39 pr						
Sample ID:	•	MW2-6W)- <i>L</i>		TEMP.		SALINITY	Comments
Time (24 hr)	PURGE VOL. (gallons)	pН	COND.	TURBIDITY (NTU)	(news)°C	DO.	SALMIT	(solar, ader, dena, etc.)
12:20	2.8	7.01	0.405	340	28			
12:30	5.2	6.98	0.407	361	1 27.5			
12:35	7.8	7.00	0.408	368	27.4			
					-			
			-					
	-	-						
Depth to Wat	 er After Purging ((ft) = (F)					DED CE	NT RECOVERY
	ME (24 HR)		PTH TO WATE		ESIDUAL DRA	(n) NWOOW	I ₁	ATT RECUTERI
Ti 12:	12	G,	18.90	H ₁		<u> </u>	I ₂	
T ₂ 12:	21	G ₁	18,95	H ₁			I ₃	
	30	G ₃	18,99	H ₃			14	······································
T ₄ (2) Total Vol. Pur	.36 rged (gal):	. G ₄	18.98 7.8	Max.	Drawdown: (J) Finished Purging			

Project Name:	CORNERS	STONE		: 9/29		By: <u></u>	C/LW	
Toject No.:	61801		Wes	ther/Site Cond				
ionitoring Wel	1 ID: <u>My</u>	N-3	Site	Location:	<u></u>	HENDERS		
					- de	COST 40 DVC	[] Others	S. Steel
asing Diameter Total Depth (ft- Total Depth (ft-	TOC): (A) 2	4.35 I	LNAPL Obser LNAPL Thick: 2"/8%"= 0.78 g/ft	ved ness = (D)	Material 🔯 Yes 🔯 No	SCH 40-PVC DNAPL Obser DNAPL Thick	ved 🗌 Yes	S. Steel
			4"/9" = 1.33 G/FT			•		Approx. Min.
k - B = C Vater Column Hei	· ····································		4"/8%" = 1.19 G/l 4"/10%" = 1.51 G			x 1.5 = (E)		Purge Vol.
	FOC and ground surf	3.33		(1	borehole volume)		1.5 borehole volum	c) (gallons)
	surement Equip.:			☐ Water Line ☐ Quickie Bai	ler AH	ron Dipper T and Bailer		V/A
Sampling Equi Sampling Meth	pment: Bailer (S od/Equipment [JPVC □SS DISPOSABI BAILER	LE Low Flo	Pumps PARAMETER	USEPA METHOD	d/Non-dedicated CONTAINERS/V	OLUME/TYPE	PRESERVATIVES
Bailer Rope-Ne Sampled By: Sample Time: Sample ID: M	:w or cleaned?: 10:23 N3-6W-3/N	NEW GC/LM 10:20 1W7-6W						
Time (24 hr)	PURGE VOL. (gallons)	pН	COND.	TURBIDITY (NTU)	(16 (em)	С во	SALINITY	Comments (caler, oder, stem, etc.
9:45	2.5	6.53	0.235	1.230	23.5	_	-	
10:00	5.0	6.45	0.249	206	22.9			
10:10	8.0	6.20	0.257	148	22.9			
	K 180							
Denth to Wate	er After Purging (R) = (F)						
	TE (24 HR)		PTH TO WATE	R (ft)	RESIDUAL DR	AWDOWN (ft)	+	ENT RECOVERY
Ti 9:45		G ₁ 1	4.43	Н	l		1 ₁	
T. 10:00			4.44	H	· 		I ₃	
T. 10:10			14:50	Н	3 ·		I ₃	
T ₄		G ₄	· · · · · · · · · · · · · · · · · · ·	19	·		<u> 4</u>	
Total Vol. Pur	ged (gal):	7	46	 1 .	. Drawdown: (J) e Finished Purgin	ıg:		

roject Name: roject No.:	CORNER 61801	STONE	Weat	9/29 her/Site Condit	ions:	ENDERSO		
ionitoring We	II ID: <u>•</u>	W-4	Site L	ocation:				
	<u> </u>				T2 C	CUT AD DVC	Other: 9	3. Steel
asing Diamete otal Depth (fi- otal Depth (fi-	TOC): (A)	2.14	er LNAPL Observe LNAPL Thickne 2"/8%"= 0.78 g/ft = 4"/9" = 1.33 G/FT =	(D)	res DA No D	CH 40-PVC NAPL Observ NAPL Thicks	red Yes	∑(No
-B=C			4"/81/4" = 1.19 G/FT			(1.5 = (E)	•	Approx. Min. Purge Vol.
/ater Column He	ight (feet) (C)	17.15	4"/10¼" = 1.51 G/E	T = (D)			.5 borehole volume	
istance between	TOC and ground sur	rface = (+/-)			rehole volume)	Dinner T	Cleaned	
Vater Level Me	asurement Equip.					Totha -		4/A
Purging Method	l/Equipment:	□ хр-100	Pump [] Quickie Bailer				
Sempling For	ipment: Bailer	M PVC [] S	S Low Flow	v 🔲 Pumps	Dedicated/	Non-dedicated	Peristalti	c Pump
	od/Equipment	DISPOSABI BAHLER	= 1	PARAMETER	USEPA COMETHOD	ONTAINERS/VO (VOA/Glass	OLUME/TYPE /Plastic	PRESERVATIVES
Bailer Rone-N	ew or cleaned?:	NEW						
Sampled By:	VII 01 0101_0011	GC/LW		·				· · · · · · · · · · · · · · · · · · ·
Sample Time:		9:20 ar	<u></u>					
Sample ID:		MW4-6						
Sample 115.		10.00-1 - 0.		TURBIDITY	TEMP.	DO	SALINITY	Comments
Tisne (24 hr)	PURGE VOL. (gallons)	pН	COND.	(VTV)	(p\$/cm)°C	1 50		(mler, oder, them, st.)
7:08	3.0	5.63	0.390	767	25.3		- T	
9:15	6.0	5.64	0.330	868				
9:20	9.0	5.63	0.330	973	25,6			
	7							
			=41					
								=======================================
Depth to Wat	ter After Purging				ESIDUAL DRA	WDOWN (ff)	PERCE	NT RECOVERY
TI	ME (24 HR)		PTH TO WATER	(44)	FOID OVE DYY		1,	
T1 9:00)	G	2.14	H ₁		····	12	
T. 9:08		G ₁	2.21	H ₁		<u></u>	13	
T ₂ 9:15		G ₃	2.25	Н3	<u> </u>			· · · · · · · · · · · · · · · · · · ·
T. 9:2		. G ₄	2,25	Н.			14	
Total Vol. Pu	<u> </u>		3.23	 1 .	Orawdown: (J) Finished Purging:			

roject Name: roject No.: Aonitoring Well	CORNERS 61801 D: LAW		Weat	9/29, her/Site Condit ocation:	ons:	By: GC		
asing Diameter Total Depth (ft- Total Depth (ft- A - B = C Water Column Heig	roc): (A) 22 roc): (B) <u>{</u>	7. 01 I	er _NAPL Observe _NAPL Thickno _1"/8%"= 0.78 g/ft = 4"/9" = 1.33 G/FT = 4"/8%" = 1.19 G/F1 4"/10%" = 1.51 G/F	(D) (= (D) (T = (D) (cs No DN DN	H 40-PVC APL Observe APL Thickne 5 = (E)		
Distance between T	OC and ground surfactures surement Equip.;			Water Line		Dipper T C	leaned N	/A
Sampling Equip	oment: Bailer od/Equipment p] PVC [] SS DISPOSAR AILER	1. F	Pumps		on-dedicated NTAINERS/VOI (VOA/Glass/I	Peristaltic I	Pump
Bailer Rope-Ne Sampled By: Sample Time: Sample ID:	-	NEW 6C/LA 8:25 MW5-GX	am					
Time (24 hr)	PURGE VOL.	pН	COND.	TURBIDITY (NTU)	TEMP.	DO	SALINITY	Comments (minr, odor, shout, etc.)
8 W	2.5	5.59	0.806	-5.0	24.1			
8:20	5.0	5.53	0.800	-5.0	23.0			
8:25	7.08	5.51	0.813	-5.0	23.8			
							-	
	-							1
Depth to Wate	r After Purging ((t) = (F)			ESIDUAL DRAW	DOWN (R)	PERCEN	T RECOVERY
	IE (24 HR)		PTH TO WATER	(ft) K	ENTO CALL DICE.		l ₁	
T1 8:00		G ₁	8.01				I ₁	
T. 8:10		G ₂	9.41	Н,			I ₃	
T, 8:20		G ₃	9.25 8.95	B4			L,	
T. 8:25 Total Vol. Pur			7.08	1 .	Orawdown: (J) Finished Purging:			

roject Name: roject No.: fonitoring Well	<u>Corners</u> <u>61801</u> D: <u>M</u>	STONE W-6	Weat	9/29 Aner/Site Condition:		NOERS	OM, NV	
asing Diameter Total Depth (ft- Total Depth (ft-	roc): (A)	1.05	er NAPL Observe NAPL Thickne 1"/8%"= 0.78 g/ft = 1"/9" = 1.33 G/FT =	(D)	res IXI No DN	H 40-PVC IAPL Observe IAPL Thickne	☐ Other: S ed ☐ Yes ess	
A - B = C Water Column Heig		7.66	4"/8%" = 1.19 G/F7 4"/10%" = 1.51 G/F	T=(D)	rehole volume)	1.5 = (E)	5 borehole volume)	Purge Vol.
Distance between T Water Level Mea Purging Method/	surement Equip.] Water Line] Quickie Baile		Sailer (1/A
Sampling Equip	xd/Equipment		Low Flow	PARAMETER		OR-dedicated NTAINERS/VOI (VOA/Glass/	Peristaltic	Pump . PRESERVATIVES
Bailer Rope-Ne Sampled By: Sample Time: Sample ID:	w or cleaned?:	MEW GC/LW 11:47 MWG-GI	am					
Time (24 hr)	PURGE VOL. (gallons)	pН	COND.	TURBIDITY (NTU)	TEMP.	DO .	SALINITY	Continents (soler, oder, show, etc.)
11:34	3.0	6.45	0.524	773	25.9	1	+	
11:40	6.0	6.49	0.527	870	25.6		-	
11:45	9.0	6.52	0.512	866	25.8			
Thensh so Wasa	r After Purging	(ft) = (ft)						
	IE (24 HR)		PTH TO WATER	(lt) P	ESIDUAL DRAW	DOWN (ft)	PERCEI	nt recovery
Ti 11:3		G	1.05	H ₁		<u></u>	I ₁	· · · · · · · · · · · · · · · · · · ·
T, 11:3		G ₁	1.15	H ₂			1,	*****
T3 11 5 4		G ₁	1.07	H ₃	<u> </u>		14	
Total Vol. Pur		. G ₄	8.5	Max.	Drawdown: (I) Finished Purging:	_		

LEO DROZDOFF, Administrator

(775) 687-4670 Administration Facsimile 687-5856

Water Quality Planning Water Pollution Control Facsimile 687-4684 Safe Drinking Water Facsimile 687-5699

Mining Regulation & Reclamation Facsimile 684-5259

State of Nevada KENNY C. GUINN Governor



ALLEN BIAGGI, Director

Air Pollution Control Air Quality Planning Facsimile 687-6396

Waste Management Federal Facilities

Corrective Actions Facsimile 687-8335

NDEP.nv.gov

DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL PROTECTION

901 South Stewart Street, Suite 4001 Carson City, Nevada 89701-5249

July 29, 2005

Mr. Robert Troisi Ninyo & Moore 6700 Paradise Road, Suite E Las Vegas, NV 89119

re: Phase II Environmental Site Assessment Report receipt and approval

Cornerstone Redevelopment Area, Henderson

Facility ID # H-000085

Dear Mr. Troisi,

The Nevada Division of Environmental Protection, Brownfields Program has received and reviewed a copy of the referenced report prepared by your office and dated June 30, 2005. The report was prepared and submitted as part of a Brownfields assessment project undertaken by the Nevada Brownfields Program on behalf of the City of Henderson. The report documents activities undertaken through a Scope of Services approved on December 9, 2003 under the State Brownfields Contract between the NDEP and Ninyo & Moore. We are accepting the document as presented. Report preparation represented the final task of the approved Scope of Services; as such, the approval of the report should serve as documentation that Ninyo & Moore has **successfully satisfied** all elements of the Scope of Services. We are requesting that Ninyo & Moore submit all final invoices and bill for project retention at this time.

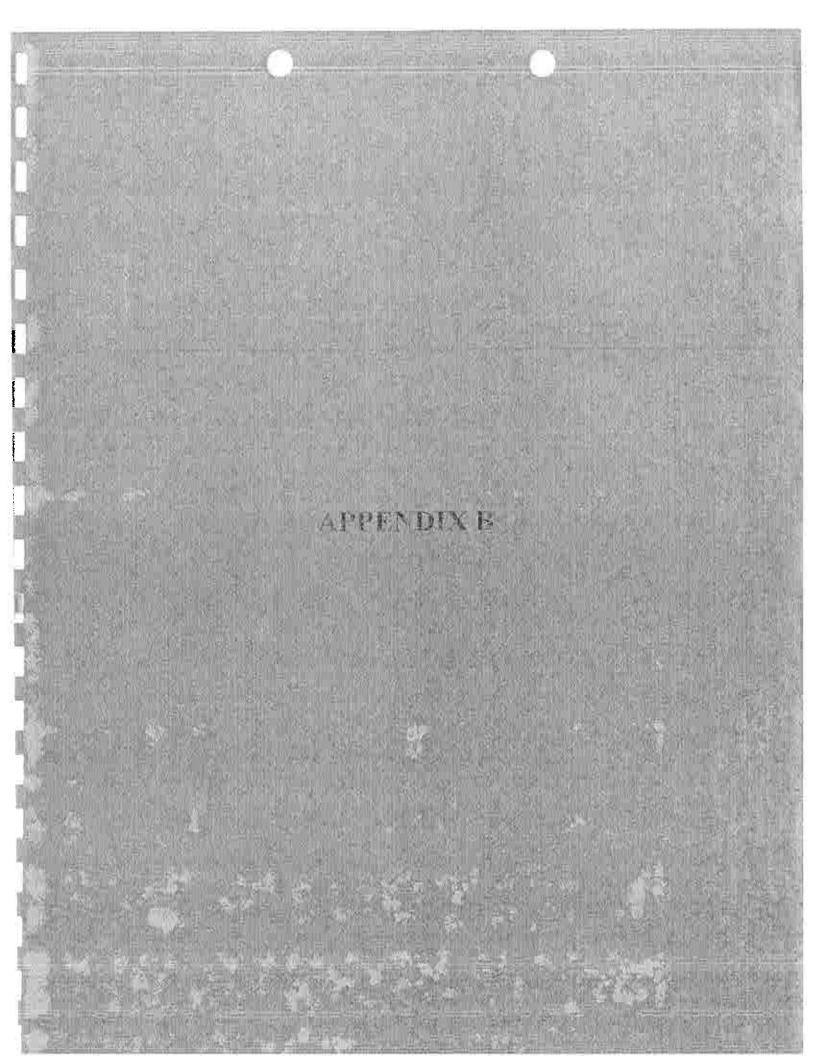
It should be noted that approval of the report, as a deliverable under the Nevada Brownfields Program, does not constitute concurrence with the report's recommendation for future activities. We have set up a meeting with the City of Henderson to discuss the findings of the report and to determine any necessary actions.

If you have any questions, please feel free to contact me at (775) 687-9384

Scott Smale

Sincerely.

Bureau of Corrective Actions



LABORATORY REPORT

Prepared For: Kleinfelder, Inc. - Las Vegas

6380 S. Polaris Ave Las Vegas, NV 89118 Attention: Gary Carter Project: Cornerstone

Sampled: 09/29/05 Received: 09/30/05

Issued: 10/07/05 15:42

NELAP #01109CA Nevada #AZ907

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

This entire report was reviewed and approved for release.

CASE NARRATIVE

LABORATORY ID	CLIENT ID	MATRIX
POI0822-01	MW1-GW-1	Water
POI0822-02	MW2-GW-2	Water
POI0822-03	MW3-GW-3	Water
POI0822-04	MW4-GW-4	Water
POI0822-05	MW5-GW-5	Water
POI0822-06	MW6-GW-6	Water
POI0822-07	MW7-GW-7	Water
POI0822-08	W1-SW-2-1	Water
POI0822-09	W1-SW-10-2	Water
POI0822-10	W2-SW-2-3	Water
POI0822-11	W2-SW-10-4	Water
POI0822-12	W3-SW-2-5	Water
POI0822-13	W3-SW-10-6	Water
POI0822-14	W4-SW-2-7	Water
POI0822-15	W6-SW-2-9	Water
POI0822-16	W5-SW-2-8	Water

Del Mar Analytical - Phoenix Karen Maxwell For Linda Eshelman Project Manager



Kleinfelder, Inc. - Las Vegas

6380 S. Polaris Ave Las Vegas, NV 89118 Attention: Gary Carter Project ID: Cornerstone

Report Number: POI0822

Sampled: 09/29/05 Received: 09/30/05

SAMPLE RECEIPT:

Samples were received intact, at 1°C, on ice and with chain of custody documentation.

HOLDING TIMES:

All samples were analyzed within prescribed holding times and/or in accordance with the Del Mar

Analytical Sample Acceptance Policy unless otherwise noted in the report.

PRESERVATION:

Samples requiring preservation were verified prior to sample analysis.

QA/QC CRITERIA:

All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS:

No significant observations were made.

SUBCONTRACTED:

Refer to the last page for specific subcontract laboratory information included in this report.

Reviewed By:

Del Mar Analytical - Phoenix Karen Maxwell For Linda Eshelman

Project Manager



Kleinfelder, Inc. - Las Vegas

6380 S. Polaris Ave Las Vegas, NV 89118 Attention: Gary Carter Project ID: Cornerstone

Report Number: POI0822

Sampled: 09/29/05 Received: 09/30/05

		INOR	GANICS					
Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: POI0822-01 (MW1-GW-1 - Water) Reporting Units: ug/l Perchlorate	EPA 314.0	5J03054	10	55	5	10/3/2005	10/3/2005	M2
Sample ID: POI0822-02 (MW2-GW-2 - Water) Reporting Units: ug/l Perchlorate	EPA 314.0	5J03054	4.0	30	2	10/3/2005	10/3/2005	
Sample ID: POI0822-03 (MW3-GW-3 - Water) Reporting Units: ug/l Perchlorate	EPA 314.0	5J 03054	10	56	5	10/3/2005	10/3/2005	
Sample ID: POI0822-04 (MW4-GW-4 - Water) Reporting Units: ug/l Perchlorate	EPA 314.0	5J03054	4.0	45	2	10/3/2005	10/3/2005	
Sample ID: POI0822-05 (MW5-GW-5 - Water Reporting Units: ug/i Perchlorate	EPA 314.0	5J03054	4.0	28	2	10/3/2005	10/3/2005	
Sample ID: POI0822-06 (MW6-GW-6 - Water Reporting Units: ug/l Perchlorate	EPA 314.0	5J03054	10	64	5	10/3/2005	10/3/2005	
Sample ID: POI0822-07 (MW7-GW-7 - Water Reporting Units: ug/l Perchlorate	EPA 314.0	5J 03054	10	54	5	10/3/2005	10/3/2005	
Sample ID: POI0822-08 (W1-SW-2-1 - Water) Reporting Units: ug/l Perchlorate	EPA 314.0	5J03054	4.0	20	2	10/3/2005	10/3/2005	
Sample ID: POI0822-09 (W1-SW-10-2 - Wate Reporting Units: ug/l Perchlorate	r) EPA 314.0	5304065	5 4.0	24	2	10/4/2005	10/4/2005	
Sample ID: POI0822-10 (W2-SW-2-3 - Water Reporting Units: ug/l Perchlorate	EPA 314.0	5J0406	5 4.0	22	2	10/4/2005	5 10/4/2005	

Del Mar Analytical - Phoenix Karen Maxwell For Linda Eshelman Project Manager



Kleinfelder, Inc. - Las Vegas

6380 S. Polaris Ave Las Vegas, NV 89118 Attention: Gary Carter Project ID: Cornerstone

Report Number: POI0822

Sampled: 09/29/05 Received: 09/30/05

		INOR	GANICS					
Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: POI0822-11 (W2-SW-10-4 - Wate Reporting Units: ug/l Perchlorate	er) EPA 314.0	5J04065	4.0	23	2	10/4/2005	10/4/2005	
Sample ID: POI0822-12 (W3-SW-2-5 - Water Reporting Units: ug/l Perchlorate	EPA 314.0	5J04065	4.0	23	2	10/4/2005	10/4/2005	
Sample ID: POI0822-13 (W3-SW-10-6 - Wate Reporting Units: ug/l Perchlorate	er) EPA 314.0	5J04065	4.0	21	2	10/4/2005	10/4/2005	
Sample ID: POI0822-14 (W4-SW-2-7 - Water Reporting Units: ug/l Perchlorate	r) EPA 314.0	5J04065	4.0	19	2	10/4/2005	10/4/2005	
Sample ID: POI0822-15 (W6-SW-2-9 - Wate Reporting Units: ug/l Perchlorate	r) EPA 314.0	5J04065	4.0	22	2	10/4/2005	10/4/2005	
Sample ID: POI0822-16 (W5-SW-2-8 - Wate Reporting Units: ug/l Perchlorate	r) EPA 314.0	5J04065	2.0	ND	1	10/4/2005	10/4/2005	



Kleinfelder, Inc. - Las Vegas

6380 S. Polaris Ave Las Vegas, NV 89118 Attention: Gary Carter Project ID: Cornerstone

Report Number: POI0822

Sampled: 09/29/05 Received: 09/30/05

SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: MW1-GW-1 (POI0822-01) - Wa EPA 300.0	ter 2	09/29/2005 11:05	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 18:40
Sample ID: MW2-GW-2 (POI0822-02) - Wa	ter				
EPA 300.0	2	09/29/2005 12:39	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 11:51
Sample ID: MW3-GW-3 (POI0822-03) - Wa			00/00/0005 00:00	09/30/2005 10:03	09/30/2005 12:06
EPA 300.0	2	09/29/2005 10:23	09/30/2005 08:00	09/30/2003 10.03	09/30/2003 12:00
Sample ID: MW4-GW-4 (POI0822-04) - Wa		00/00/0005 80-00	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 20:15
EPA 300.0	2	09/29/2005 09:20	09/30/2003 08:00	09/30/2003 10:03	03/30/2003 20:12
Sample ID: MW5-GW-5 (POI0822-05) - Wa EPA 300.0	iter 2	09/29/2005 08:25	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 12:38
Sample ID: MW6-GW-6 (POI0822-06) - Wa	iter				00/20/2005 21.40
EPA 300.0	2	09/29/2005 11:47	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 21:49
Sample ID: MW7-GW-7 (POI0822-07) - Wa	ıter 2	09/29/2005 10:20	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 13:09
EPA 300.0 Sample ID: W1-SW-2-1 (POI0822-08) - Wa	_	03/23/2000 10120	••••		
EPA 300.0	2	09/29/2005 08:25	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 13:25
Sample ID: W1-SW-10-2 (POI0822-09) - W	ater				
EPA 300.0	2	09/29/2005 08:40	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 13:41
Sample ID: W2-SW-2-3 (POI0822-10) - Wa	ter				00/00/0005 15 16
EPA 300.0	2	09/29/2005 09:15	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 15:16
Sample ID: W2-SW-10-4 (POI0822-11) - W EPA 300.0	ater 2	09/29/2005 09:25	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 15:31
Sample ID: W3-SW-2-5 (POI0822-12) - Wa	iter				
EPA 300.0	2	09/29/2005 09:38	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 15:47
Sample ID: W3-SW-10-6 (POI0822-13) - W	ater			00/00/0005 10:03	09/30/2005 16:03
EPA 300.0	2	09/29/2005 09:45	09/30/2005 08:00	09/30/2005 10:03	09/30/2003 10:03
Sample ID: W4-SW-2-7 (POI0822-14) - Wa EPA 300.0	iter 2	09/29/2005 10:10	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 16:19
Sample ID: W6-SW-2-9 (POI0822-15) - Wa EPA 300.0	ater 2	09/29/2005 08:29	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 16:34
Sample ID: W5-SW-2-8 (POI0822-16) - W6 EPA 300.0	ater 2	09/29/2005 10:20	09/30/2005 08:00	09/30/2005 10:03	09/30/2005 16:50



Kleinfelder, Inc. - Las Vegas

6380 S. Polaris Ave Las Vegas, NV 89118 Attention: Gary Carter Project ID: Cornerstone

Report Number: POI0822

Sampled: 09/29/05 Received: 09/30/05

METHOD BLANK/QC DATA

INORGANICS

	nk	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC	RPD	RPD Limit	Data Oualifiers
Analyte	Result	Lithit	Units	Devel	Result	/UKE/C	·	111 12	234444	Q
Batch: P513008 Extracted: 09/30/05										
Blank Analyzed: 09/30/2005 (P5I3008-B)	LK1)									
Nitrate-N	ND	0.10	mg/l							
Sulfate	ND	0.50	mg/l							
Chloride	ND	0.50	mg/l							
LCS Analyzed: 09/30/2005 (P5I3008-BS)	l)									
Chloride	4.93	0.50	mg/l	5.00		99	90-110			
Nitrate-N	2.55	0.10	mg/i	2.50		102	90-110			
Sulfate	5.12	0.50	mg/l	5.00		102	90-110			
LCS Dup Analyzed: 09/30/2005 (P5I300	8-BSD1)									
Nitrate-N	2.55	0.10	mg/l	2.50		102	90-110	0	15	
Sulfate	5.13	0.50	mg/l	5.00		103	90-110	0	15	
Chloride	4.93	0.50	mg/l	5.00		99	90-110	0	15	
Matrix Spike Analyzed: 09/30/2005 (PSI	(3008-MS1)				Source: 1	PO10822-0	2RE1			
Nitrate-N	25.5	1.0	mg/l	25.0	1.6	9 6	80-120			
Sulfate	1230	5.0	mg/l	50.0	1300	-140	80-120			M2
Chloride	319	5.0	mg/l	50.0	320	-2	80-120			M2
Matrix Spike Analyzed: 09/30/2005 (P5)	(3008-MS2)				Source:	PO10822-	12RE1			
Chloride	299	5.0	mg/l	50.0	270	58	80-120		•	M2
Nitrate-N	32,1	1.0	mg/l	25.0	5.4	107	80-120			
Sulfate	1290	5.0	mg/l	50.0	1300	-20	80-120			M2
Matrix Spike Dup Analyzed: 09/30/200	5 (P5I3008-I	MSD1)			Source:	POI0822-	02RE1			
Sulfate	1250	5.0	mg/l	50.0	1300	-100	80-120	2	15	M2
Nitrate-N	26.3	1.0	mg/l	25.0	1.6	99	80-120	3	15	
Chloride	324	5.0	mg/l	50.0	320	8	80-120	2	15	M2

Del Mar Analytical - Phoenix Karen Maxwell For Linda Eshelman Project Manager



Kleinfelder, Inc. - Las Vegas

6380 S. Polaris Ave Las Vegas, NV 89118 Attention: Gary Carter Project ID: Cornerstone

Report Number: POI0822

Sampled: 09/29/05 Received: 09/30/05

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: P513008 Extracted: 09/30/05										
Matrix Spike Dup Analyzed: 09/30/2005	(P513008-M	ISD2)			Source: H	O10822-1	2RE1			
Chloride	271	5.0	mg/l	50.0	270	2	80-120	10	15	M2
Nitrate-N	29.2	1.0	mg/l	25.0	5.4	95	80-120	9	15	
Sulfate	1180	5.0	mg/l	50.0	1300	-240	80-120	9	15	M2
Batch: P5J0103 Extracted: 10/01/05										
Blank Analyzed: 10/01/2005 (P5J0103-I	BLK1)									
Total Dissolved Solids	ND	20	mg/l							
LCS Analyzed: 10/01/2005 (P5J0103-B5	61)									
Total Dissolved Solids	402	20	mg/l	400		100	80-115			
LCS Dup Analyzed: 10/01/2005 (P5J01)	3-BSD1)									
Total Dissolved Solids	392	20	mg/l	400		98	80-115	3	10	
Duplicate Analyzed: 10/01/2005 (P5J01	03-DUP1)				Source:	PO10822-0)2			
Total Dissolved Solids	3360	100	mg/l		3400			1	10	
Duplicate Analyzed: 10/01/2005 (P5J01	03-DUP2)				Source:	POI0822-1	12			
Total Dissolved Solids	3250	100	mg/l		3200			2	10	



Kleinfelder, Inc. - Las Vegas

6380 S. Polaris Ave Las Vegas, NV 89118 Attention: Gary Carter Project ID: Cornerstone

Report Number: POI0822

Sampled: 09/29/05 Received: 09/30/05

METHOD BLANK/QC DATA

INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 5J03054 Extracted: 10/03/05							•			
Blank Analyzed: 10/03/2005 (5J03054-E Perchlorate	BLK1) ND	2.0	ug/l							
LCS Analyzed: 10/03/2005 (5J03054-BS Perchlorate	61) 48.5	2.0	ug/l	50.0		97	85-115			
Matrix Spike Analyzed: 10/03/2005 (5J) Perchlorate	03054-MS1) 91.1	10	ug/l	50.0	Source: 1 55	POI0822-0 72	80-120			M2
Matrix Spike Dup Analyzed: 10/03/200 Perchlorate	5 (5J03054-N 93.9	MSD1) 10	ug/i	50.0	Source: 1	PO10 822- 0 78	80-120	3	20	M2
Batch: 5J04065 Extracted: 10/04/05										
Blank Analyzed: 10/04/2005 (5J04065-I Perchlorate	BLK1) ND	2.0	ug/l							
LCS Analyzed: 10/04/2005 (5J04065-Berchlorate	S1) 45.9	2.0	ug/l	50.0		92	85-115			
Matrix Spike Analyzed: 10/04/2005 (5) Perchlorate	04065-MS1) 46.7	2.0	ug/l	50.0	Source: ND	PO10822- 93	16 80-120		i	
Matrix Spike Dup Analyzed: 10/04/200 Perchlorate	95 (5J04065-] 46.2	MSD1) 2.0	ug/l	50.0	Source: ND	PO10822- 92	16 80-120	1	20	

Del Mar Analytical - Phoenix Karen Maxwell For Linda Eshelman Project Manager



Kleinfelder, Inc. - Las Vegas

6380 S. Polaris Ave Las Vegas, NV 89118 Attention: Gary Carter Project ID: Cornerstone

Report Number: POI0822

Sampled: 09/29/05 Received: 09/30/05

DATA QUALIFIERS AND DEFINITIONS

M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

RPD Relative Percent Difference



Kleinfelder, Inc. - Las Vegas

6380 S. Polaris Ave Las Vegas, NV 89118 Attention: Gary Carter Project ID: Cornerstone

Report Number: POI0822

Sampled: 09/29/05

Received: 09/30/05

Certification Summary

Del Mar Analytical - Phoenix

Method	Matrix	Nelac	Nevada
EPA 300.0	Water		Х
EPA 314.0	Water		
SM2540C	Water		X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at www.dmalabs.com.

Subcontracted Laboratories

Del Mar Analytical NELAC Cert #01108CA, California Cert #1197, Arizona Cert #AZ0671, Nevada Cert #CA72-2002-63

17461 Derian Ave. Suite 100 - Irvine, CA 92614

Method Performed:

Samples: POI0822-01, POI0822-02, POI0822-03, POI0822-04, POI0822-05, POI0822-06, POI0822-07, POI0822-08, POI0822-09, POI0822-10, POI0822-11, POI0822-12, POI0822-13, POI0822-14,

POI0822-15, POI0822-16

Sierra Environmental Monitoring, Inc.

1135 Financial Blvd. - Reno, NV 89502

Analysis Performed:

Chlorate (300.1) - O

Samples: POI0822-01, POI0822-02, POI0822-03, POI0822-04, POI0822-05, POI0822-06, POI0822-07,

POI0822-08, POI0822-09, POI0822-10, POI0822-11, POI0822-12, POI0822-13, POI0822-14,

POI0822-15, POI0822-16

Del Mar Analytical - Phoenix Karen Maxwell For Linda Eshelman Project Manager

Del Mar Analytical LOIL OILO-POJO822

(818) 779-1844 FAX (818) 779-1843 (858) 505-8596 FAX (858) 506-9589 (460) 785-0043 FAX (460) 785-0851 (702) 796-3620 FAX (772) 796-3621 1014 E. Cooley Dr., Sulfe A. Colton, CA 92244 7277 Hayvenhurst, Sulfe B-12, Van Nuye, CA 91406 9484 Cheaspeale Dr., Sulfe B05, Sen Diego, CA 82123 9690 South 51st St., Sulfe B-120, Phoentix, AZ 85044 2520 E. Sunset Rd., Sulfe 3, Las Veges, NV 99120

ð

CHAIN OF CUSTODY FORM

LODGY THI Lab Oc sample 2102-SEM 2104-pm Packade **多ち** ð 72 hours romat 93 108 5 days Note: By refinquishing samples to Del Mar Analytical, client agrees to pay for the services fequested on this shair of custody form and any additional analyses performed on this project. Payment of the days from the date of invoice. Sample(s) will be disposed of after 30 days. Jab Semple Integrity: (Check) Tumaround Time: 0 180 7 2 Ø 9 T M 7 フ same day 24 hours 48 hours 821 3/3450 CHE SIBOLD Anatysis Required われら Date /Time: र्हे हुन् ሃ 人 メ X × × አሪሪ **8** X 401 Receipted in Lab by. Sampling Sampling Preservatives
Date Time Sampler: G. Carter, Liss Warren Fax Number: 361-9094 2450 0988 1010 9129/05 9/39 (05 13,42 Date Mine: 0826 2780 1023 0825 1020 0840 Phone Number: 7936 0520 1142 1239 818 9/29/de 1605 9 CON JUST TOON OCHOLE Corners tone Project/PO Number: Coat of 3 Sample Container Matrix Type 4 GW 35 ð Project Managar. Car ter W3 -5W-10-6 4-01-CMS-20m W3-6W-2-5 MW7-6W-7 8-2-MS-2M JI-57-10-2 NV6-5W-6 MW3-6W-3 MW 4-621-4 MW2-6N-7 MW5-64-5 Kleinfelder W1-5W-2-1 MWI-GW-Sample Description Relinguished By: Client Name/Address:

Del Mar Analytical LOIO116- POIO822 CHAIN OF CUSTODY FORM Project/PO Number:

(949) 261-1022 FAX (949) 261-12co (909) 370-4667 FAX (909) 370-1046 (818) 779-1844 FAX (818) 779-1843 (868) 505-626 FAX (868) 506-669 (460) 785-0043 FAX (801) 786-0651 (702) 796-3620 FAX (702) 796-3621 1014 E. Cooley Dr., Sulte A., Cohon, CA 92324 7277 Hayvenhurt, Sulte B-12, Venn Nuye, CA 91405 9484 Chesapashe Dr., Sulte B-15, Venn Nuye, CA 92123 9430 South 51st St., Sulte B-120, Phoenix, AZ 86044 2520 E. Sunset Rd., Sulte 3, Les Veges, NV 99120

ŏ

-SEM+16 normal XIDDENOPF CICU-DUMP Special Instructions hain of custody formyand any additional analyzes performed on this project. Payment for services is Tumaround Time: (Check) Server Server same day 24 hours 48 hours DEC BA Po甘o 824 Analysis Required 9/39/65 13.4 Date //me: adda Date /Time A. Orlham 6 LON X 10 408 X Note: By refinquishing samples (1) Del Mar Analysient, Clent agrees to pay for the services requested on the due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days. X Sampling Preservatives Cornerstane ALGADS VAIDONACHON 0000 9/20/b/ 0829 eh:8 Sampling Date Phone Number: Fax Number: B # 05 9/24/05 Container Q. Project Manager Carter Sample Matrix S Klein se Uler W5-5W-2-8 W6-5W-2-9 Sample Description **Selfrighted By**

Del Mar Analytical

6 (949) 270-4867 FAX (949) 261-1224 (909) 370-4867 FAX (909) 370-1046 (8 (818) 779-1844 FAX (818) 779-1843 (858) 505-859 FAX (858) 505-559 (480) 785-0043 FAX (400) 785-0851 (702) 798-3620 FAX (702) 798-3621 2852 Alton Ave., Irvina, C.A 92806 1014 E. Cooley Dr., Suite A. Colton, CA 92244 7277 Hayvenhurst, Suite B.12, Var Nuys, C.A 91406 9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 9836 South 51st St., Suite B-120, Phoenix, AZ 85044 2520 E. Sunset Rd., Suite B.120, Phoenix, AZ 8504

Page 101312

6

CHAIN OF CUSTODY FORM

			Special Instructions	[]										73			- 1	(Check) 72 hours	5 days \10/6/03		Relinquished By: Date /Time: Received in Lab by: Dete /Time: Sample Integrity: (Check) Relinquished By: On ice / On ice	
ired																		Tumaround Time: same day	24 hours	48 nours	Sample Integrity: intact intact analyses performed on this pro	maryana paramana an
Analysis Required																		Date /Time:	Date /Time:		Dete /Time: 7-30-05 D.: Control of them and any additional a	dy form and any addition of
)	>	×	×	×	>	×	×	×	×	×	X	×	×	X	by:	l by:		Received in Lab by: **Clefice S = Constitution of American of Ame	ad on this chain of custor
	CESOTO	-0043 ks-0451	Sampling Preservatives Time	9/29/05 11:05 X	1 68.CI	10,33	200	56:35	Eh ill	06:00	56.3	8,40	0115	9.35	9:38	9.45	10,10	A by Received by	Received by:		Receive	or the services redueste fler 30 days.
Project/PO Number:	PoT	Phone Number: (460) -765 - CC4(3) Fax Number: (460) -765 - CC4(3)	er # of Sampling Cont. Date	1 9/240													4 4	Date Mine:	100 () (00 miles: ") (10 miles: ")		іле:	, client agrees to pay f s) will be disposed of a
		elm07	Sample Container Matrix Type	ე ც	8 8 8 6 Z	3 2363					97	-					70		Date /Time:		Date /Time:	s to Del Mar Analytical te of invoice. Sample(
Client Name/Address:	- DWA [-	Project Manager: Limble ES MIMON Sampler:	Sample	DITCKIN 10.	2012 SOUS SOUTH OF THE STATE OF	P. 17 630-09-1393	する。そのようしては	01500 45	10-0030-00	けっているがいろう	1	の下いたり一つ		000000	POLOXOZILIA	1	D/- CC 3/1/0	Relimpuished By:	Relinquished By:	•	Relinquished By:	Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the service within 30 days from the date of tryolos. Sample(s) will be disposed of after 30 days.

Del Mar Analytical

(816) 779-1844 FAX (816) 779-1843 (858) 505-8596 FAX (858) 505-9589 (480) 785-0043 FAX (480) 785-0851 (702) 798-3620 FAX (702) 798-3621

1014 E. Cooley Dr., Suite A., Colion, CA 92324 7277 Hayvenhurst, Suite B-12, Van Nuys, CA 91405 944 Chesapaset Dr., Suite 805, San Diego, CA 92123 9830 South 51st St., Suite 81-120, Phoenti, AZ 8804 2520 E. Surset Rd., Suite 3, Las Vegas, NV 89120

ъ ||

Note: By relinquishing samples to Del Mar Analytical, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days. DWD 5 days Tumaround Time: (Check) Sample Integrity: (Check) 24 hours same day 48 hours Analysis Required Date /Time: Date /Time: Date /Time: CHAIN OF CUSTODY FORM Project/PO Number: X - Q OCTOS 17'OC VIQ (Regived by: Sampling Preservatives Phone Number: 10,00 8.29 Sampling Date 924 Fax Number: Cont. Esperman SW DOLL Sample Container Matrix Type POTO822-15 POT020 - 16 Sample Description Client Name/Address:

Del Mar Analytical

Attn: Linda Eshelman

Phoenix, Arizona 85044

9830 South 51th Street, Ste B-120

Laboratory Report Report ID: 71178



Sierra **Environmental** Monitoring, Inc.

Date:

10/7/2005

Client:

DMR-101

Taken by:

Client

PO #:

POI0822

Dear Linda Eshelman,

It is the policy of Sierra Environmental Monitoring, Inc to strictly adhere to a comprehensive Quality Assurance Plan that insures the data presented in this report are both accurate and precise. Sierra Environmental Monitoring, Inc. maintains accreditation in the State of Nevada (NV-15) and the State of California (ELAP 2526).

The data presented in this report were obtained from the analysis of samples received under a chain of custody. Unless otherwise noted below, samples were received in good condition, properly preserved and within the hold time for the requested analyses. Any anomalies associated with the analysis of the samples have been flagged with appropriate explanation in the Analysis Report section of this Laboratory Report.

General Comments:

- There are no general comments for this report.

Individual Sample Comments:

- There are no specific comments that are associated with these samples.

Approved By:

Date:

10/7/2005

Sierra Environmental Monitoring, Inc.

This report is applicable only to the sample received by the laboratory. The liability of the laboratory is limited to the amount paid for this report. This report is for the exclusive use of the client to whom it is addressed and upon the condition that the client assumes all liability for the further distribution of the report or its contents.



Sierra Environmental Monitoring, Inc.

Del Mar Analytical Atm: Linda Eshelman

9830 South 51th Street, Ste B-120

7758572

Phoenix, Arizona 85044

Date:

10/7/2005

Client:

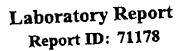
DMR-101

Taken by: PO #:

Client POI0822

Analysis Report

Sample ID:		omer Sample ID		Date Sample 9/29/2005	ed Time Sam 11:05 A		
S200509-1957		010822-01	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Parameter	Method	Result		0.5	Henderson	10/5/2005	
Chlorate	EPA 300.0	<0.5	mg/L				
Sample ID:		omer Sample ID		Date Sampl 9/29/2005			eceived 2005
S200509-1958	_	OI0822-02	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Parameter	Method	Result	mg/L	0.5	Henderson	10/5/2005	
Chlorate	EPA 300.0	<0.5	me -	***			
Cirioteto							
Sample ID:	Cust	omer Sample ID OI0822-03		Date Samp 9/29/200		AM 9/30	leceived /2005
Sample ID: S200509-1959	Cust		Units		5 10:23 Analyst	AM 9/30 Date Analyzed	
Sample ID: S200509-1959 Parameter	Cust P	OI0822-03	Units mg/L	9/29/200 Reporting	5 10:23	AM 9/30 Date	/2005 Data
Sample ID: S200509-1959	Cust P Method EPA 300.0	Result <0.5 tomer Sample ID POI0822-04	mg/L	9/29/200 Reporting Limit 0.5 Date Samp 9/29/200 Reporting	Analyst Henderson pled Time Sa 35 9:20	Date Analyzed 10/5/2005 mpled Date 1 AM 9/30	/2005 Data Flag Received 0/2005
Sample ID: S200509-1959 Parameter Chlorate Sample ID:	Cust P Method EPA 300.0	Result <0.5	mg/L	9/29/200 Reporting Limit 0.5 Date Samp 9/29/200	Analyst Henderson pled Time Sa	Date Analyzed 10/5/2005 mpled Date 1 AM 9/30	/2005 Data Flag Received





Sierra Environmental Monitoring, Inc.

Del Mar Analytical

Atm: Linda Eshelman

9830 South 51th Street, Ste B-120

Phoenix, Arizona 85044

Date:

10/7/2005

Client: Taken by: DMR-101 Client

PO #:

PO10822

Analysis Report

ample ID:		mer Sample ID 010822-05		Date Sample 9/29/2005	d Time Sampl 8:25 AM	9/30/	2005
200509-1961	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Parameter	EPA 300.0	<0.5	μι έ /Γ	0.5	Henderson	10/5/2005	
Sample ID: 5200509-1962		omer Sample ID OI0822-06		Date Sampl 9/29/2005			eccived 2005 Data
Parameter	Method EPA 300.0	Result	Units mg/L	Reporting Limit	Analyst Henderson	Analyzed 10/5/2005	Flag
Chlorate	Cust	omer Sample ID		Date Samp		F**=	teceived
Sample ID: S200509-1963		OI0822-07		9/29/2003 Reporting		M 9/30 Date Analyzed	/2005 Data Flag
Parameter	Method	Result	Units mg/L	Limit 0.5	Analyst Henderson	10/5/2005	
Chlorate	EPA 300.0	<0.5	11.6.2				
Sample ID:		tomer Sample ID		Date Samp 9/29/200			Received 0/2005
\$200509-1964 Parameter	Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
LAIANKENA	EPA 300.0	<0.5	mg/L	0.5	Henderson	[0/3/2002	



Monitoring, Inc.

Del Mar Analytical

Attn: Linda Eshelman

9830 South 51th Street, Stc B-120

Phoenix, Arizona 85044

Date:

10/7/2005

Client:

DMR-101

Taken by:

Client

PO #:

POI0822

Analysis Report

ample ID:		mer Sample ID		Date Sampl 9/29/2005			
200509-1965)[0822-09 Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Parameter	Method		mg/L	0.5	Henderson	10/5/2005	
hlorate	EPA 300.0	<0.5	Hig/ E				
ample ID:		omer Sample ID		Date Samp 9/29/2005			eccived /2005
\$200509 - 1966	-	OI0822-10 Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
Parameter	Method EPA 300.0	<0.5	mg/L	0.5	Henderson	10/5/2005	
Sample ID:		omer Sample ID		Date Sam; 9/29/200			teceived 1/2005
\$200509-1967	P Method	Result	Units	Reporting Limit	Analyst	Date Analyzed	Data Flag
S200509-1967 Parameter Chlorate	•		Units mg/L	•	Analyst Henderson	<i>—</i> —	
Parameter Chlorate Sample ID:	Method EPA 300.0 Cus	Result <0.5 tomer Sample ID	mg/L	Limit	Henderson	Analyzed 10/5/2005 mpled Date 3	Flag Received
Parameter Chlorate	Method EPA 300.0 Cus	Result <0.5	mg/L	Limit 0.5 Date Sam	Henderson	Analyzed 10/5/2005 mpled Date 3	Flag Received



Sierra Environmental Monitoring, Inc.

Del Mar Analytical

Attn: Linda Eshelman

9830 South 51th Street, Ste B-120

7758572

Phoenix, Arizona 85044

Date:

10/7/2005

Client:

DMR-101

Taken by:

Client

PO #:

POI0822

Analysis Report

ample ID:	Customer Sample ID			Date Sample 9/29/2005	d Time Samş 9:45 AM		ed Date Received 9/30/2005	
200509-1969	POI0822-13		# * *4	Reporting Limit	Analyst	Date Analyzed	Data Flag	
Parameter	Method	Result	Units		Henderson	10/5/2005		
hiorate	EPA 300.0	⊲) \$	mg/L	======				
ample ID:		omer Sample ID		Date Sample 9/29/2005			eceived /2005	
200509-1970	POI0822-14		Units	Reporting Limit	Analyst	Date Analyzed	Data Flag	
Parameter	Method EPA 300.0	Result <0.5	mg/L	0.5	Henderson	10/5/2005		
	Cust	omer Sample ID		Date Samp				
Sample ID : S200509-1971	P	omer Sample ID OI0822-15 Result	Units	Date Samp 9/29/2003 Reporting Limit	8:29 A Analyst	M 9/30 Date Analyzed)/2005 Data	
S200509-1971 Parameter			Units mg/L	9/29/2005 Reporting	8:29 A	M 9/30 Date	leceived 0/2005 Data Flag	
S200509-1971	Method EPA 300.0	Result <0.5 tomer Sample ID POI0822-16	mg/L	9/29/2005 Reporting Limit 0.5 Date Samp 9/29/200 Reporting	Analyst Henderson pled Time San 10:20	Date Analyzed 10/5/2005 mpled Date AM 9/3 Date	Date Fla Receive 0/2005	
Parameter Chlorate Sample ID:	Method EPA 300.0	Result <0.5	mg/L	9/29/2005 Reporting Limit 0.5 Date Samp 9/29/200	Analyst Henderson pled Time San	M 9/30 Date Analyzed 10/5/2005 mpled Date AM 9/3	Date Fla Receive 0/2005	

Page 5 of 6

John Kobza, Ph.D. Laboratory Director 1135 Financial Blvd.
Reno, NV 89502-2348
Phone (775) 857-2400
FAX (775) 857-2404
sem@sem-analytical.com

John C. Sehar Special Consultant Quality Assurance Manager



Sierra

Environmental Monitoring, Inc.

Del Mar Analytical Attn: Linda Eshelman

9830 South 51th Street, Ste B-120

Phoenix, Arizona 85044

Date: Client: 10/7/2005

DMR-101

Taken by:

Client

PO #:

POI0822

Quality Control Report

	Quality	Control	Kepori		Mark Blank	
Parameter	LCS, %	MS, % Recovery	MSD, % Recovery	RPD, %	Method Blank	
	Recovery 102.0	105.0	100.0	4.88	<0.5 mg/L	
Chlorate Legend:	LCS- Laboratory Control Standard	MS- Matrix Spike		MSD- Matrix S	Spike Duplicate	
	RPD-Relative Percent Difference		<u>-</u>			

4 (200) 570-4887 FAX (909) 370-1046 (818) 779-1044 FAX (818) 779-1843 (629) 525-898 FAX (828) 505-599 (450) 745-0043 FAX (460) 786-0461 8 (702) 788-3550 FAX (402) 798-5421 6 Page 1014 E. Dooley D., Suite A., Cator, CA 92223 7277 Haywaliwat, Soffe B. Lg. Van Nuys, CA 81408 9494 Chasaneele D., Suite 805, San Dieps, CA 82122 9820 Scuth \$14 St., Suite 8120, Phoenia, AZ 86044 2820 E. Suites RA, Suite 3, Las Veges, NV 86126 Lostonia Reculted CHAIN OF CUSTODY FORM Del Mar Analytical 12 ã Ö

		Special Instructions							Tumanound Time: (Check) same day 72 hours 54 hours		Sample Integrity: (Check) On ice Comment on this project. Payment for services is
Analysis Required	103 2013	20)	x × ×	XX	××	X X	XX	XXX		by: Darte / lime:	Repeated in (20 lb.) Described in 180 lb. Described in 180 lb.
Powie APO Number		# of Sampling Sampling Cont. Date Time	1 1	9.20	£h: 11	Qh:8	72.99	9:38	2 C	Date (Tune:	1 8 8
	Client Name/Address: DEI MUN ST SKB-120 Q630 S BI ST 86 DYY Project Manager: Lindu Eshelmon Sampler:	Sample Sample Container Description Matrix Type	3 -		POTOSOS -US POTOSOS -US	POT 08:22 - 04 SW	VOTOB22-10	POTO\$22-12 PATO\$22-13	1 h- Zz	Relinquienced By:	THE SAMPLES TO DES MAY A serious to Des May A

6 (944) 261-1022 FAX (949) 281-1226 (100) 310-4875 FAX (940) 370-1045 (1819) 770-1444 FAX (1819) 770-1843 (1819) 305-848 FAX (1889) 786-9534 (1819) 786-0543 FAX (440) 786-0851 (1702) 786-3520 FAX (702) 736-3520 2552 Aren Arz., Irvina C.A. 62606 (Bit 7271 Hayremine), Suite A. Collon, CA 99324 (Bit 7271 Hayremine), Suite B.C., Ven Nutra. C.A. 94408 (Bit 2012 Che staperer Dis., Suize 805, San Diego, CA 92123 (Bit 9630 Sauth 51st 81, Suite 8-120, Phoentic AZ 85044 (Nat 2520 E. Sunsel Rd., Suite 3, Les Vegae, NV 88129 (R)

Del Mar Analytical

Page 2 of	Special Instructions	# W		Date / Time: Da
CHAIN OF CUSTODY FORM	O Number:	Sample Sample Container # of Sampling Sampling Sampling Propervation Description Autrix Type Cont. Date Time POTOSOD-15 C. OSCP 1-4 24/b5 8:24 POTOSOD-16 L. L. L. LOISO X	h@h?/C8S//	Resinquished By: Date Time:

3949 80/80